

# Sustained Professional Development for Science Teachers Through Modeling Instruction

## Purpose

An OSU team with experience in chemistry, physics, and engineering has partnered with Ohio teachers for the past twelve years to offer summer workshops, along with school-year follow-up sessions, for in-service teachers. These workshops are structured with the Modeling Instruction approach, which combines teacher development in both content understanding and pedagogy.

## Impact

Teachers have demonstrated significant gains in conceptual understanding, as measured by research-proven conceptual evaluations, and they have impacted hundreds of thousands of students.

Reports from the external evaluator reflect significant changes in the educators' pedagogical approaches as a result of the workshop.

The external evaluator reports that all of the 360+ teachers who have participated found the experience to be worthwhile professional development and that they would recommend it to a colleague.

### Ohio State Colleges/Units Involved

Department of Engineering  
Education  
College of Engineering  
Department of Chemistry and  
Biochemistry  
College of Arts and Sciences  
College of Education and  
Human Ecology

### Community Partners Involved

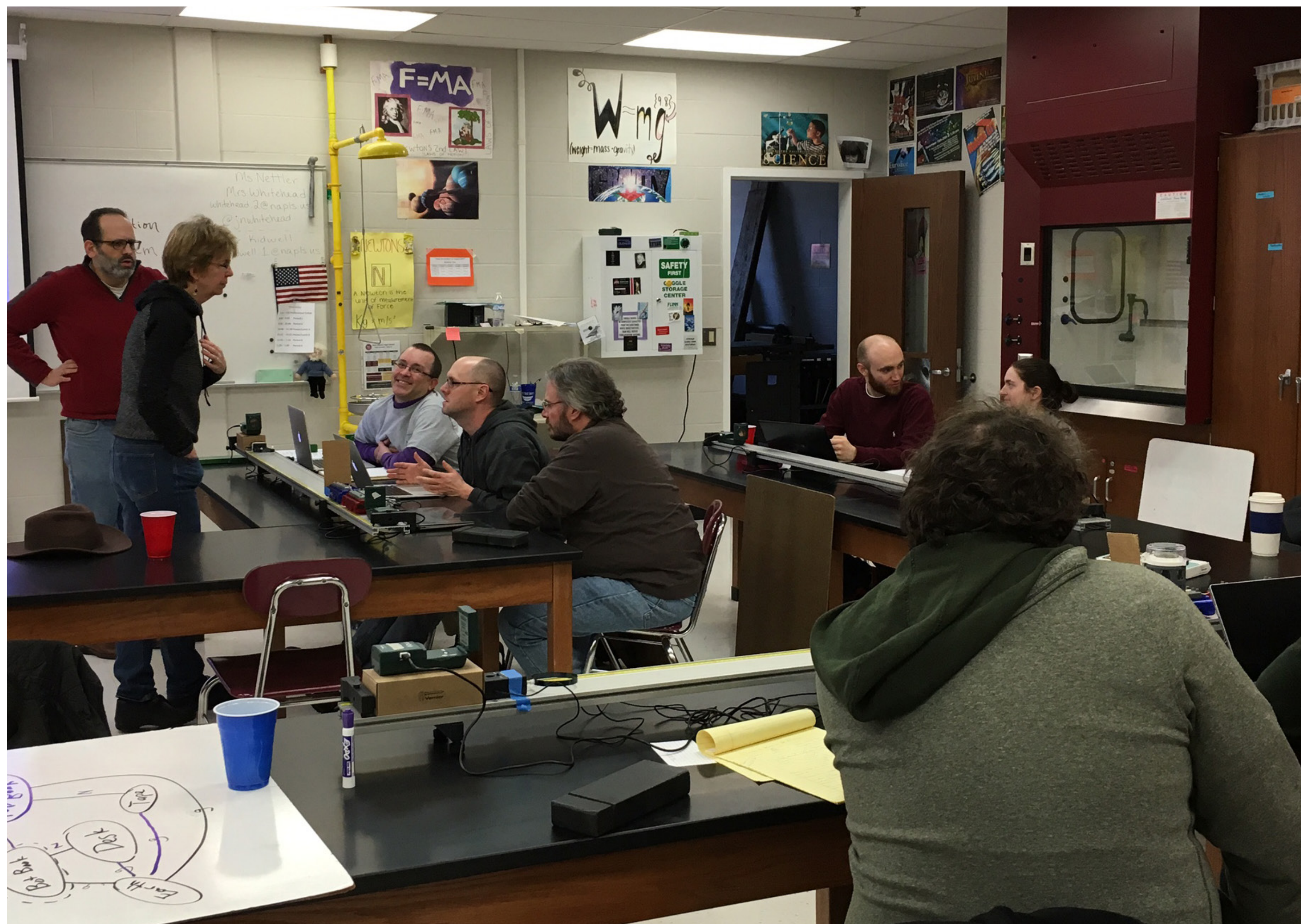
Columbus City Schools  
New Albany-Plain Local Schools

## How you can get involved:

- Help us develop a web presence
- Visit part of a workshop to learn more about the program and share details with other interested community members

## To get involved, contact:

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